

# The Gazette of India



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## PART III—SECTION 2

### Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

Calcutta, the 26th September 1959

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

The 10th September 1959

9005. Indo Japan Vacuum Bottle Co. (India) Private Ltd. Improvements in or relating to vacuum flasks.

9006. J. Martin. Improvements in multi service connector devices for the occupants of aircraft. (5th July 1957). [Divisional date 10th March 1958].

69007. H. W. Burrington. Method and apparatus for removing the metallising from selected areas of metallised dielectric material.

69008. Mandals Reberbane, Christiansen & Co. A/S. Improvement in shuttle arrangements in circular weave looms for hoses or the like. (10th September 1958).

69009. Shell Internationale Research Maatschappij N. V. Process for the preparation of a colourless or substantially colourless light hydrocarbon oil freed or substantially freed from mercaptans.

69010. Ciba Limited. New amino acid derivatives.

69011. Ciba Limited. Process for the manufacture of new bicyclic heterocyclic compounds.

69012. Dr. R. Klar. Process for carrying out the oxidation of organic materials.

69013. Trutzschler & Co. Device for opening bales of fibre and for blending fibres.

69014. Bergwerksgesellschaft Hibernia Aktiengesellschaft. Process and apparatus for the manufacture of diacetone alcohol.

9015. Soko Sciren Kabushiki Kaisha. Textiles imparted optical characteristics.

69016. Lev. A Goossak, Method of prechamber torch ignition in internal combustion engines.

69017. G. Singh. Convertor field artillery.

69018. The Black-Clawson Company. Paper machinery.

69019. Stahlgruber Otto Gruber & Co., Rosenheimerstr. Repairing articles of or containing rubber.

The 11th September 1959

69020. Schering Aktiengesellschaft. Weedkillers. (5th March 1959).

69021. The British Oxygen Company Limited. Journal bearings. (19th September 1958).

69022. Wisconsin Alumni Research Foundation. Spore process.

69023. Pittsburgh Plate Glass Company. Process and apparatus for drawing sheet glass.

69024. NSU-Werke Aktiengesellschaft and Wankel G.m.b.H. Improvements in or relating to rotary piston engines.

69025. Dunlop Rubber Company Limited. Improvements in railway wheel, brake and suspension assemblies.

69026. T. J. Smith & Neglow Limited. Improvements in and relating to sheet material coated with pressure-sensitive adhesive. (16th September 1958).

69027. Stora Kopparbergs Bergalags Aktiebolag. Method for the production of neutral sulfite pulp.

69028. The B. F. Goodrich Company. Resin compositions of improved tolerance for high temperatures and process of producing same. (15th December 1958).

69029. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of linear crystallised polycarbonates. (10th June 1959).

69030. L. Muhiesen, Dr. O. Posch and E. Erich. Apparatus for processing webs of textile fabrics and other materials.

69031. Merck & Co., Inc. Process of preparing 11-hydroxy steroids. (2nd October 1958).

69032. Merck & Co., Inc. Preparation of pregnatriene compounds. (25th October 1958).

69033. Merck & Co., Inc. Acylation of steroid metallic enolates. (4th December 1958).

69034. Damic Controls Limited. Improvements in valves. (16th September 1958).

69035. Pertrix-Union Gesellschaft Mit Beschränkter Haftung. Electrical element for high current outputs and process for its production.

69036. Farbenfabriken Bayer Aktiengesellschaft. New composite thermoplastic mixtures. (9th June 1959). [Addition to No. 58780].

69037. Thomas C. Keay Limited. Improvements in or relating to shuttles for weaving looms.

69038. A. P. P. D'Souza. Woven tubes for storage battery. The 12th September 1959

69039. Scherico Limited. Piperazine derivatives.

69040. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to memories for storing the (free or busy) states of the links in the switching network of a telecommunication exchange.

69041. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to derivatives of compounds having a cyclic-nitrogen-containing, heterocyclic nucleus of aromatic character.

69042. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of winding orthocyclic coils between flanges, coils manufactured by such methods, and coil-winding machines for winding orthocyclic coils between flanges and on a template or coil former.

69043. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing bodies consisting of helically wound wire, in particular filaments for electron valves, electric incandescent lamps, discharge tubes or the like, and devices for carrying out these methods.

69044. R. R. Fardasani. Improvement in or relating to quick return motion.

69045. Cilag Limited. Diagnostic composition. (28th October 1958).

69046. Dunlop Rubber Company Limited. Improvements in or relating to pneumatic tyres. (17th September 1958).

69047. SNIA VISCOSA societa' NAZIONALE INDUSTRIA APPLICAZIONI VISCOSA S.p.A. Process for the manufacture of fibres and filaments of regenerated cellulose.

69048. Snia Viscosa Societa' Nazionale Industria Viscosa S.p.A. Process for the hydrogenation of products of aldolic condensation of furfural.

69049. Bataafse Petroleum Maatschappij N. V. Process for the conversion of hydrogen iodide to iodine.

69050. The General Electric Company Limited. Improvements in or relating to electrical counting circuits incorporating junction transistors. (19th September 1958).

69051. E. Biller. Improvements in or relating to the nuclear alkylation of aromatic compounds. (1st July 1959).

69052. Maquinaria Textile De Norte De Espana, SA (Matesa). Improvements in looms for weaving without shuttles. (12th September 1958).

*The 14th September 1959*

69053. Sudhansu Sekhar Dutta. Improved method and means for making basic or acid steel.

69054. The British Oxygen Company Limited. Automatic arc-welding apparatus. (17th September 1958).

69055. Mataafse Petroleum Maatschappij N. V. Process for the recovery of iodine.

69056. Chas. Pfizer & Co., Inc. Preparation of steroids.

69057. Zavody Elektrotepelných Zarizení Narodní Podnik. Automatic control of welding head motors.

69058. Zavody Elektrotepelných Zarizení Narodní Podnik. Automatic regulator.

69059. Daimler-Benz Aktiengesellschaft. Improvements relating to vehicle suspensions. (10th June 1959).

69060. Union Carbide Corporation. Hydrogenolysis of coal hydrogenation products.

69061. Molins Machine Company Limited. Improvements in or relating to tobacco manipulating machines. (15th September 1958).

69062. Council of Scientific and Industrial Research. A new ferroelectric composition and a process of making ferroelectric ceramic product.

*The 15th September 1959*

69063. Jersey Production Research Company. Seismic recording system.

69064. A. J. A. Asplund. Method of and apparatus for production of pulp from fibrous, lignocellulose-containing material.

69065. Abitibi Power & Paper Company Limited. Improvement in hardboard overlay. (22nd September 1958).

69066. Stauffer Chemical Company. Improvements in or relating to thiolcarbamates. [Addition to No. 61276].

69067. The Goodyear Tire & Rubber Company. Improvements in difunctional polymers and methods for their preparation.

69068. The Goodyear Tire & Rubber Company. Improvements in polymerization of 1, 4 polybutadiene.

69069. Imperial Chemical Industries Limited. New azo dyestuffs. (29th October 1958).

69070. H. C. Andrews. Improvements in or relating to trays, panels or the like for sifting green tea leaf and like commodities.

69071. NSU-Werke Aktiengesellschaft and Wanked G.m.b.H. Improvements in or relating to rotary piston units more particularly rotary piston internal combustion engines.

69072. Metal Containers (Installations) Limited. Screw threaded neck. (16th October 1958).

69073. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of producing electrode material for use in semi-conducting devices.

69074. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of producing electrode material for semi-conducting devices.

69075. Ciba Limited. Manufacture of 11:18:21-trioxygenated 20-oxo-pregnanes and esters thereof.

69076. Jenson & Nicholson Group Limited. Improvements relating to paints and the like surface-coating compositions. (17th September 1958).

69077. Electric Steel Foundry Company. Excavating tooth and base support therefor. (24th April 1959).

69078. C. S. Shaw. Improvements in or relating to composite boards of the kind used for making packing boxes and like articles.

69079. Standard Telephones and Cables Limited. Improvements in or relating to electric cables.

69080. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Substituted acid hydrazides and process for the manufacture thereof.

69081. SYNTEX S. A. Process for the manufacture of new unsaturated halogenpregnanes.

69082. Alumin Building Components Limited and E. J. Mills. Improvements in and relating to windows of the frameless sliding sash type.

69083. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Monosubstituted hydrazine derivatives and process for the manufacture thereof.

69084. S. M. Zveibil. Rollable lining structure for awnings and similar devices.

*The 16th September 1959*

69085. The General Electric Company Limited. Improvements in or relating to electric hotplates. (26th September 1958).

69086. Worthington-Simpson Limited. Improvements in and relating to electric motorised pump units of ventilated type. (24th September 1958).

69087. The Norwich Pharmacal Company. Improvements in or relating to derivatives of nitrofuran. (3rd June 1959).

69088. Continental Can Company Inc. Polyamide polyethylene systems. (18th February 1959).

69089. Worthington-Simpson Limited. Flame-proof electrical motorised pump unit. (24th September 1958).

69090. Stamicarbon N. V. Preparation of azacyclo-2.3-alkene-2-chlore-n-carbochloride.

69091. Stamicarbon N. V. Process for preparing an  $\alpha$ -halo- $\gamma$ -aminolactam.

69092. Stamicarbon N. V. Process for preparing a 3-nitro-azacyclo-alkanone-2-n-carbochloride.

69093. Stamicarbon N. V. Preparation of  $\alpha$ -aminolactam.

69094. Stamicarbon N. V. Preparation of an  $\alpha$ -aminolactam.

69095. The Norwich Pharmacal Company. Preparation of ortho-aminophenylacetamides.

69096. Sir Robert McAlpine & Sons Limited. Improved nuclear energy reactor structure. (22nd September 1958).

69097. Universal Winding Company. Winding machine.

69098. Ciba Limited. Manufacture of new cyclo-hemiacetals and cyclo-hemiacetal esters of the pregnane series.

*Alteration of Date*

63522. The claim to priority date 2nd April 1957 has been abandoned and the application dated as of 24th March 1958, the date of filing in India.

63733. The claim to priority date 18th April 1957 has been abandoned and the application dated as of 15th April 1958, the date of filing in India.

63870. The claim to priority date 16th May 1957 has been abandoned and the application dated as of 28th April 1958, the date of filing in India.

68317. Ante-dated to 14th February 1958, under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

62570. Merck & Co., Inc. Process for the production of steroids of the pregnane series and steroids produced thereby. Accepted on 10th September 1959.

*A 17 α, 21-dihydroxy-20-ketosteroid of the pregnane series is treated with an aldehyde in the presence of a strong acid.*

62572. Merck & Co., Inc. Preparation of steroids. Accepted on 10th September 1959.

*Treating a steroid of pregnane series with acid to produce 17 α, 21-dihydroxy & 20-keto steroid of pregnane series.*

62583. VEB Entwicklungsbau Pirna. Improvements in centrifugal devices for atomising liquid and colloid solid fuels into combustion chambers of gas turbines. Accepted on 11th September 1959.

*A bilateral pot wheel employed having on one side annulus and at the other side a hollow space with diverging opening leading into combustion chamber, the hollow space communicating with a ring shaped body through openings, which body also has openings for supply of air directly to combustion chamber.*

62631. Engelhard Industries, Inc. Improvements in or relating to immersion plating solution. Accepted on 14th September 1959.

*Comprising water, a soluble noble metal compound and an ammonium compound.*

63356. International Computers and Tabulators Limited formerly known as The British Tabulating Machine Company Limited. Improvements in or relating to apparatus for transferring data from a data bearing tape to a utilization device. (24th April 1957). Accepted on 10th September 1959.

*The data being recorded in discrete information blocks arranged along the length of the tape, each block being preceded and followed by a recording of marker code signals.*

63393. The General Electric Company Limited. Improvements in or relating to electric lighting fittings. (14th March 1957). Accepted on 12th September 1959.

*Comprising light-transmitting primary enclosure containing major part of lamp envelope, at least one end of the envelope projecting so that in free air it is subject to greater cooling than is the part of envelope within enclosure whereby part of envelope outside enclosure is at low temperature than is any part of it within the enclosure.*

63402. The Singer Manufacturing Company. Work feeding mechanism for sewing machines. Accepted on 11th September 1959.

*Comprising a weed bar extending lengthwise within the confines of the work carrying bed, complementary bearing means on the feed-bar and on the frame.*

63414. C. O. Hoover. Improvements in or relating to method of preventing corrosion of metallic petroleum refining apparatus and composition therefor. Accepted on 11th September 1959.

*Comprising aqueous alkaline solution of ammonical copper carbonate complex.*

63430. Les Usines De Melle (Societe Anonyme). Process for continuously carrying out catalytic reactions in the liquid phase. Accepted on 10th September 1959.

*Catalytic reaction in a liquid phase in the presence of a solid catalyst maintained as a suspended bed in an upflow of liquid, is effected in a zone having an upwardly increasing cross-section.*

63455. American Cyanamid Company. Preparation of compounds of the tetracycline series. Accepted on 10th September 1959.

*Aerobically fermenting a chloride-ion containing aqueous nutrient medium with a strain of *streptomyces aureofaciens*.*

63456. American Cyanamid Company. Preparation of compounds of the tetracycline series. Accepted on 10th September 1959.

*Catalytically reducing 5a(11a)-dehydrotetracycline until 2 moles of hydrogen have been absorbed per mole of 5a (11a)-dehydrotetracycline.*

63457. American Cyanamid Company. Preparation of compounds of the tetracycline series. Accepted on 10th September 1959.

*Aerobically fermenting aqueous nutrient medium with a micro-organism of the species *S aureofaciens* in presence of corresponding 5a (11a)-dehydrotetracycline.*

63462. Westinghouse Brake & Signal Company Limited. Automatic slack adjusting mechanism. (20th March 1957). Accepted on 15th September 1959.

*A driving member, a longitudinally movable but non-rotatable driven shaft to which movement of the driving shaft is transmitted.*

63469. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to low-pressure mercury vapour discharge tubes. Accepted on 12th September 1959.

*At least one extension of the wall projecting outwardly from the tube containing mercury, which extension is disposed between the electrodes and the radial dimension of which exceeds 20 per cent of the tube radius.*

63470. N. V. Philips' Gloeilampenfabrieken. Acaricidal compositions. Accepted on 15th September 1959.

*Comprising 2, 4, 4'-trichloro-diphenyl sulphone together with a diluent or carrier.*

63481. Dr. J. Drescher. New vaccines and process for preparing the same. Accepted on 15th September 1959.

*Agitating at 0-30°C 10<sup>-10</sup> of antigens viruses, or bacterial or toxins produced therefrom per 2-20m<sup>2</sup> surface of metal oxide dispersion of molar surface 40,000-80,000m<sup>2</sup> with buffering materials.*

63489. May & Baker Limited. Improvements in or relating to pharmaceutical compositions. Accepted on 16th September 1959.

*Comprises as active ingredient a piperidine compound in association with a pharmaceutical carrier.*

63522. A. G. Heron. Improvements in or relating to refrigerating apparatus. Accepted on 10th September 1959.

*The tube is electrically but not thermally insulated from the fins so as to prevent short-circuiting of sinuous conducting path.*

63533. Imperial Chemical Industries Limited. Process for the manufacture of new monoazo dyestuffs. (23rd April 1957). Accepted on 10th September 1959.

*Reacting a cyanuric halide with a diazotised alkylamino-naphthol-disulphonic acid and a mono or dialkyldiamine.*

63569. Farbenfabriken Bayer Aktiengesellschaft. Phenylazo formamides. (24th January 1958). Accepted on 10th September 1959.

*Diazotised phenylene diamine, one amino group of which is substituted, is reacted with a cyanic acid salt and the product saponified.*

63571. Food Machinery and Chemical Corporation. Improvements in the manufacture of hydrogen peroxide. Accepted on 10th September 1959.

*By alternate reduction and oxidation of an alkylated anthraquinone as the working material dissolved in a mixed solvent.*

63600. British Telecommunications Research Limited. Improvements in or relating to speed control equipment for electric motors. (9th April 1957). Accepted on 10th September 1959.

*In which the power supply to the motor includes a transductor the control windings of which are supplied with signals derived by way of a filter from equipment driven by the motor.*

63716. J. Helen. Improvements in or relating to tyres and wheels especially for bicycles, motor cycles and like vehicles. Accepted on 12th September 1959.

*Wherein the air-inflated inner tube is substituted by an annular ring composed of a spongyous micro-cellular rubber compound.*

63721. Chicago Pneumatic Tool Company. Torque control for impact wrenches. [Addition to No. 55304]. Accepted on 15th September 1959.

*Fly wheel driver interposed between the rotatable shaft and the fly wheel. The flexible connection drivingly connects with the fly wheel and includes lost motion connection between the fly wheel driver and the shaft.*

63733. Olin Mathieson Chemical Corporation. A process for preparing a 21-fluoro steroid. [Addition to No. 60560]. Accepted on 10th September 1959.

*A 21-organic sulphonyloxy steroid of the pregnane series is interacted with an alkalimetal bifluoride in an organic solvent of high dielectric constant.*

63750. Parke, Davis & Company. Process for the production of novel trichloro-methyloxazolid-4-one compounds. Accepted on 11th September 1959.

*Reacting lactamide with R'=C=O in presence of acid catalyst and alkylating reaction product R' is being combination of hydrogen-trichloromethyl radicals.*

63824. Etablissements Clin-Byla Societe anonyme. Substituted  $\beta$ -naphthols and compositions containing the same. Accepted on 10th September 1959.

*$\beta$ -naphthol is heated with a 2-halogenocyclohexanone in the presence of an acid acceptor.*

63870. H. G. Poole. Improvements in or relating to tractor-trailer towing connections. Accepted on 10th September 1959.

*Comprising a combination a beam which is hinged at its forward end on a support on the tractor and a tow bar rigidly secured to the trailer and a connecting member located between the beam and the tow bar.*

63904. Council of Scientific and Industrial Research. A process for recovering zirconium dioxide from zircon. Accepted on 16th September 1959.

*Sintered mass of zircon and potassium silico-fluoride is leached to get a solution of potassium zirconium fluoride, the solution is thereafter subjected to electrolysis in adiaphragm cell followed by drying and ignition of the product of electrolysis.*

63953. Imperial Chemical Industries Limited. New monoazo dyestuffs. (26th June 1957). Accepted on 10th September 1959.

*Cyanuric halide is reacted with a diazonium compound of a naphthylamine sulphonic acid and a naphthol.*

63985. Ciba Limited. 2-phenyl-imino-3-phenyl-thiazolidines and process for the manufacture thereof. Accepted on 10th September 1959.

*1:3-diphenyl thiourea is reacted with a reactive ester of 1:2-ethane diol.*

64020. Imperial Chemical Industries Limited. Polymerisation of organic isocyanates. (12th June 1957). Accepted on 11th September 1959.

*Contacting an organic isocyanate with at least one organic base containing a hydroxyl ion.*

64058. The Yale and Towne Manufacturing Company. Power operated lifting truck. Accepted on 15th September 1959.

*A load carrier, a linkage system pivoted at one end thereof to said load carrier.*

64059. The Yale and Towne Manufacturing Company. Light duty hydraulic truck. Accepted on 15th September 1959.

*An elevating platform, lifting head with king post a support wheel for the lifting head mounted for slewing rotation.*

64118. Imperial Chemical Industries Limited. New copper-containing monoazo dyestuffs. (5th July 1957). Accepted on 11th September 1959.

*Reacting one molecular proportion of a cyanuric chloride with one molecular proportion of copper complex of a diazotised 2-alkylamino-5-naphthol-7-sulphonic acid.*

64219. J. C. Bajaj. Combined screw driver and aerated water bottle capsule opener. Accepted on 12th September 1959.

*A metallic circular disc from which projects a handle, the disc having projecting legs in the shape of tip of screw driver and the handle having a recess between a pair of forks, operating as capsule opener.*

64317. Ciba Limited. A new thiazolidine derivative and a process for its manufacture. Accepted on 10th September 1959.

*Reacting 1 : 3-bis-(4-isopentylloxy-phenyl)-2-thiourea with a reactive ester of 1:2-ethanediol.*

64318. Ciba Limited. New 4-thiazoline-2-one compounds and process for the manufacture thereof. Accepted on 10th September 1959.

*2, 3 or 4 - - - - - iodine hydrobromide is reacted with thiocarbamate.*

64350. Komline-Sanderson Engineering Corporation. Method and apparatus for sewage treatment. Accepted on 11th September 1959.

*Sludge is pumped from the clarifying stage toward drum type vacuum filter without subjecting it to a digestion period, coarse filtering medium is employed in said filter.*

64440. Ciba Limited. New benzimidazoles and process for their manufacture. Accepted on 16th September 1959.

*5-nitro-2-alkyl-benzimidazole is reacted with a reactive ester of the alcohol HO-CH<sub>2</sub>-CH<sub>2</sub>-NH.*

64501. N. V. INLAND. A match and a method and a device for the manufacture thereof. Accepted on 10th September 1959.

*Match splint comprises a plurality of parts at least one covering of synthetic combustible material and at least one core at least partly of combustible material in said covering.*

64502. N. V. INLAND. A match. Accepted on 10th September 1959.

*Match splint consisting of a small stick which may be hollow or solid manufactured by extrusion, pressing spraying drawing or rolling is formed at least partly from inflammable material or materials.*

64612. Pirelli Societa Per Azioni. Improvements in or relating to telephone cables with balanced circuits for carrier frequencies. (28th April 1958). Accepted on 10th September 1959.

*Comprising any number of star-type quads and/or pairs characterized by the fact that an even number of quads contained in the cable are provided with an electro-magnetic screen wrapper externally with an insulating tape and unscreened quads are located on opposite sides of the screen quads.*

64696. Ciba Limited. New ethers of N-methylolamino-1:3:5-triazines containing epoxide groups and a process for their manufacture. Accepted on 14th September 1959.

*Reacting N-methylol-amino-1:3:5-triazine or ether thereof with halogenohydrin derived from polyhydric alcohol and converting reaction product in epoxy compound.*

64697. Ciba Limited. Process for the preparation of new copolymers of acrylic acid esters and method of using them as pigment binding agents. Accepted on 14th September 1959.

*Copolymerisation product of not less than 25 per cent of ester  $\text{CH}_2=\text{CR}-\text{COOR}$ , 0.2 to 10 per cent of  $\text{CH}_2=\text{CR}-\text{COOH}$  a remainder of  $\text{CH}_2-\text{CR}^{\text{R}}-\text{COOR}$ , when R is hydrogen or alkyl group R, is residue of cyclic alcohol, R<sub>1</sub> is alkyl group interrupted by ether-oxygen.*

64741. J. C. Bajaj. Combined shoe horn and aerated water bottle capsule opener. Accepted on 12th September 1959.

*8-shaped steel blank, one end of which being slightly carried to operate as shoe horn and the other end of which having a D-shaped hole or operating as aerated water bottle capsule opener.*

64943. N. V. Philips' Glœilampenfabriekon. Improvements in or relating to semi-conductive blocking-layer systems, particularly transistors or crystal diodes having a vacuum-tight envelope and methods of producing these systems. Accepted on 16th September 1959.

*The space between the envelope and the blocking-layer system proper containing arsenic.*

64979. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of water-soluble dyestuffs. Accepted on 14th September 1959.

*Heating dyestuff having halogen-propionyl group in water in presence of agent with alkaline reaction.*

65041. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. New pigment dyestuffs and process for their manufacture. Accepted on 10th September 1959.

*Diazotised 1-aminobenzene-2-sulphonic acid is coupled with an arylamide of 2:3-hydroxy-naphthoic acid.*

65178. Fratelli Balduini. Pin card for looms. Accepted on 14th September 1959.

*The holder comprises a longitudinal bore, which extends through the several sockets and in which a mandrel is insertable, which locks the pins.*

65352. Ciba Limited. New water soluble organic dyestuffs, their manufacture and use. Accepted on 10th September 1959.

*In the manufacture of organic dyestuffs the radical of a halogenated unsaturated aliphatic dicarboxylic acid of low molecular weight is introduced by acylation into a water soluble organic dyestuff.*

65394. Standard Telephones and Cables Limited. Improvements in or relating to regulated rectifier power supply equipment. (28th February 1958). Accepted on 14th September 1959.

*Comprising magnetic comparator to compare current output of unit into a load circuit in order to feed back an output level correcting signal into regulating equipment and a current sensitive network responsive to load current below as predetermined level to return a signal to the comparator.*

65409. Ciba Limited. Process for rendering wool resistant to shrinkage and pilling. Accepted on 12th September 1959.

*Wool is treated with an acid aqueous solution containing an N-chlorinated 1:3:5-triazine free from methylol groups, such as tetrachloromelamine or especially trichloro-isocyanuric acid.*

65488. N. V. De Bataafsche Petroleum Maatschappij. Safety device for gas cylinders. Accepted on 14th September 1959.

*Characterized by a blind tube made of resilient material which is adapted at its open end to fit to the supply or valve of the gas cylinder and provided with a splayed slot on communication with the inner passage of the tube.*

65503. Imperial Chemical Industries Limited. New water soluble colouring matters. (1st November 1957). Accepted on 16th September 1959.

*Process for the manufacture comprising treating a dyestuff containing at least 2 and preferably 4 sulphonchloride groups with a primary or secondary amine.*

65512. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of polyene aldehydes. (28th August 1958). Accepted on 16th September 1959.

*Comprising acetalising an aldehyde, condensing the resulting acetal either with a propen-(1)-yl alkyl ether or with a vinyl alkyl ether and treating the resulting condensation product with an acidic agent.*

65521. Socony Mobil Oil Company, Inc. Grease composition and method of preparation thereof. Accepted on 15th September 1959.

*Comprising an oleaginous vehicle and a mixture of alkaline earth metal soaps and salts therewith, the alkaline earth metals being selected from the group consisting of calcium and barium, not more than about fifteen per cent of barium on a chemical equivalent basis, the mixture of soaps being present in a grease forming quantity.*

65578. Oldham & Son Limited. Improvements in and relating to electrical storage cells. (18th December 1957). Accepted on 10th September 1959.

*The floor of the cell box have transverse cavities in which supports are provided for resting storage plates, the floor and supports suitably shaped for acid and sludge circulation.*

65796. C. I. R. Costruzione Incollatrici Rapide S.p.A. Method and apparatus for splicing cinematograph films and the like. (13th October 1958). Accepted on 10th September 1959.

*Comprises means for cutting films transversely, a holder for holding two cut pieces to be spliced in alignment, an adhesive tape holder in across and cutting means for registering.*

66043. H. Behera. A process of manufacturing fibrous articles made from fibrous and pulpy matters with cement. Accepted on 14th September 1959.

*Fibrous articles made from fibrous and pulpy matters incorporated with a hydraulic cement and a paste forming substance.*

66063. Metropolitan-Vickers Electrical Company Limited. Improvements relating to electric power cable terminations. (12th December 1957). Accepted on 10th September 1959.

*Two conductive members in a casing with insulated tubing extending between them; one member receives current carrying cable conductor and couples fluid duct of cable to tubing; other member has coupling for feeding cooling fluid to or from other end of tubing.*

66119. Veb Webstuhlbau Grossenhain. Improvements in or relating to multicolour weaver's looms. Accepted on 14th September 1959.

*The pawl coupling has as many individual pawls as there are stationary magazine sections.*

66201. Ciba Limited. Process for coloring spinning or like compositions for producing shaped structures. Accepted on 16th September 1959.

*Incorporating in the spinning composition a dyestuff obtained by condensing indigo or its substitution product with an arylacetic acid halide having substituents in the benzene nuclear.*

66255.	Stamicarbon N. V. Apparatus for separating particles according to specific gravity by the float-and-sink method. Accepted on 10th September 1959.	(3)
	Consists of a washing tank divided into compartments, the partition wall being formed by suspended flexible elements and has transporting means.	57548. 57673. 57715. 57784. 58363. 58376. 58386. 58401. 58429. 58556. 58651. 58682. 58731. 58893. 59074. 59240. 59282. 59397. 59640. 59755. 59802. 59838. 60163. 60329. 60446. 60509. 60736. 61035. 61036. 61037. 61038. 61039. 61222. 61417. 61613. 61729. 62226. 62229. 62415. 62579.
66534.	Bradley's (Darlaston) Limited. Improvements relating to metallic abrasives (20th May 1958). Accepted on 16th September 1959.	(4)
	Metallic abrasive composition comprising 2.0 to 3.0 per cent carbon, silicon 1.5 to 3.0 per cent, phosphorus from .05 to 0.2 per cent and manganese 0.2 to 2.0 per cent, the balance being iron.	57838. 58249. 58537. 58545. 58590. 58617. 58690. 58692. 58693. 58699. 58706. 58722. 58745. 58858. 58864. 58888. 59262. 59270. 59277. 59304. 59384. 59411. 59426. 59445. 59456. 59614. 59795. 59800. 59884. 59960. 60076. 60134. 60135. 60158. 60411. 60605. 60727. 60785. 60805. 60858. 60896. 60921. 60928. 60929. 60973. 60988. 61020. 61021. 61086. 61160. 61197. 61246. 61322. 61449. 61452. 61531. 61569. 61607. 61649. 61650. 61658. 61670. 61677. 61695. 61865. 61879. 61935. 61956. 61984. 62016. 62070. 62149. 62207. 62208. 62309. 62333. 62358. 62507. 62562. 62567. 62610. 62645. 62654. 62655. 62678. 62799.
66572.	Automatic Coal Cleaning Company Limited. Improvements relating to bucket elevators. (28th February 1958). Accepted on 16th September 1959.	(5)
	Consisting alternate single and double links, each single link consisting of a flat bar with bushes inserted and firmly secured in holes near ends and projecting on both sides.	57893. 58133. 58307. 58308. 58558. 58561. 58571. 58580. 58581. 58588. 58589. 58591. 58592. 58604. 58630. 58640. 58753. 59073. 59229. 59290. 59404. 59687. 59776. 59962. 60038. 60097. 60703. 60743. 60879. 61076. 61284. 61603. 61622. 61905. 62015. 62231. 62315. 62408. 57639. 58808.
66583.	Food Machinery and Chemical Corporation. Dissolution of metallic copper. Accepted on 16th September 1959.	(6)
	Contacting the copper with an aqueous solution containing 20 per cent to 40 per cent of water soluble persulfate and maintaining the solution at a temperature of about 120° to 175°F.	57894. 58625. 58629. 58632. 58638. 58654. 58657. 58694. 58688. 58733. 58891. 58907. 58928. 59026. 59634. 59636. 59653. 59704. 59722. 59806. 60084. 60085. 60115. 60137. 60149. 60227. 60540. 60551. 60686. 60764. 60967. 61099. 61325. 61344. 61421. 61433. 61486. 61492. 61493. 61538. 61577. 61614. 61685. 61737. 61744. 61774. 61985. 61986. 62074. 62082. 62218. 62378. 62502. 63191.
66588.	Conveying Developments Limited. Improvements relating to supporting structures for endless belt conveyors. (11th February 1958). Accepted on 16th September 1959.	(7)
	Comprising a plurality of stands connected together and spaced apart in a direction longitudinally of the conveyor.	57988. 58364. 58466. 58631. 58752. 58755. 58775. 58810. 58868. 69059. 59128. 59192. 59346. 59364. 59487. 59799. 59897. 59911. 59939. 60131. 60464. 60558. 60644. 60978. 61093. 61454. 61661. 61925. 62189. 62377. 62453. 62462. 62524. 62819. 62868. 62965. 63005. 63493. 63494.
66811.	T. V. M. Swami. Improved bicycle chain guard and oil bath gear case. [Addition to No. 60457]. Accepted on 14th September 1959.	Patents Sealed
	Gear case frame comprising a channelled frame made in two pieces, the one in the fore side being not less than four-fifth of the total length of the frame, two pieces secured to chain-stay and telescopically joined together in leak-proof manner.	61084. 61474. 61760. 61830. 61842. 61946. 61957. 62008. 62023. 62068. 62115. 62123. 62132. 62151. 62345. 62368. 62587. 62687. 62892. 63324. 63389. 63528. 63673. 63703. 63812. 64071. 64186. 64252. 64274. 64297. 64305. 64460. 64725. 64726. 64736. 64885. 64899. 64915. 65375. 65454. 66417.
68317.	The Wellcome Foundation Limited. Pharmaceutical preparations containing pyrimidine derivatives and the manufacture thereof. [Divisional date 14th February 1958]. Accepted on 15th September 1959.	Registration of Assignments, Licences, Etc.
	Comprising 5-benzyl-2, 4-diamino pyrimidine and a suitable carrier.	Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—
Printed Specifications Published		30379 30618 32607 34820 35096 35550 35658 36491 37971 38112 38244 38326 38857 38868 40431 49574 51597 45058 45989 48121
A limited number of printed copies of the undenoted specifications are available for sale from Officer-in-Charge, Government of India, Central Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—		Compania Uruguayana De Fomento Industrial S. A.
54570. 54594. 54596. 54611. 54695. 54988. 55248. 55253. 55258. 55261. 55262. 55263. 55270. 55271. 55273. 55299. 55342. 55369. 55441. 55526. 55529. 55569. 55582. 55738. 55749. 55977. 56471. 56472. 56977. 57346. 57401. 57621. 57665. 57764. 57867. 58734. 58735. 58736. 58737. 58774. 58897. 59382. 59383.	(2)	
56801. 56808. 56842. 57030. 57264. 57384. 57596. 57609. 57615. 57617. 57632. 57634. 57656. 57657. 57661. 57670. 57683. 57714. 57720. 57744. 57755. 57781. 57785. 57805. 57831. 57832. 57833. 57847. 57848. 57857. 57890. 57933. 57968. 58013. 58057. 58093. 58098. 58112. 58134. 58140. 58177. 58314. 58368. 58414. 58475. 58744. 58832. 58885. 58997. 59058. 59205. 59455. 59661. 59684. 59685. 59801. 59808. 59983. 60202. 60272. 60358. 60374. 60428. 60490. 60534. 60608. 60740. 60829. 60854. 61179. 61320. 61415. 61453. 61462. 61600. 61656. 61672. 61788.		

**Renewal Fees Paid**

28363.	28551.	29073.	29082.	31505.	31506.	31507.	31508.
31518.	31529.	31530.	33013.	33264.	33425.	33427.	33458.
33625.	33628.	33629.	33642.	34773.	35699.	36349.	36372.
36373.	37063.	37231.	37583.	37801.	37898.	38173.	38199.
38315.	38325.	38434.	38647.	38797.	38857.	38877.	40290.
40292.	40296.	40329.	40340.	40368.	40400.	40406.	40426.
40427.	40428.	40556.	40725.	40848.	41290.	42035.	42049.
42075.	42076.	42078.	42141.	42571.	43408.	43640.	43722.
43726.	43812.	43853.	43867.	44159.	44366.	44374.	45190.
45794.	45830.	45879.	45882.	45883.	45921.	45929.	45952.
46021.	46022.	46023.	46024.	46025.	46062.	46064.	46081.
46122.	46173.	46197.	46208.	46263.	46348.	46414.	47524.
47579.	47986.	48052.	48059.	48099.	48149.	48207.	48216.
48237.	48267.	48416.	48442.	50132.	50276.	50307.	50308.
50309.	50310.	50311.	50368.	50427.	50477.	50489.	50498.
50511.	50539.	50671.	50852.	50862.	51474.	51578.	51955.
52725.	52742.	52758.	52765.	52795.	52829.	52854.	52864.
52865.	52878.	52928.	52933.	52982.	53011.	53031.	53133.
53147.	53174.	53237.	53397.	53432.	53469.	53627.	53665.
55173.	55220.	55299.	55424.	55442.	55515.	55570.	55583.
55588.	55592.	55617.	55621.	55634.	55647.	55665.	55706.
55746.	55838.	55885.	55952.	56015.	56134.	56170.	56367.
56635.	56664.	57860.	58448.	58569.	58607.	58790.	58807.
58823.	58864.	58931.					

**RENEWAL FEES PAID** in respect of State Patents under provision of Section 80 of the Indian Patents and Designs Act.

**Marwar Patents**

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**Cessation of Patents**

27519.	33575.	34813.	34911.	34932.	34949.	34985.	34995.
37471.	37479.	37498.	39696.	39726.	39731.	39742.	39751.
39764.	39765.	41380.	41423.	41433.	41481.	42289.	43152.
43154.	43158.	43160.	43162.	43201.	43226.	45148.	45206.
45207.	45270.	45277.	47280.	47309.	47327.	47336.	47350.
47357.	47358.	47401.	47419.	47423.	49492.	49564.	49585.
49613.	49625.	51641.	51891.	51892.	51914.	51918.	51926.
51972.	51977.	51993.	51995.	51998.	52011.	52012.	52015.
54502.	54509.	54511.	54516.	54519.	54529.	54530.	54531.
54535.	54537.	54547.	54555.	54560.	54566.	54584.	55197.
56145.							

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

**Class 1.** No. 98813. The National Electrical Industries Limited, a Public Limited Company incorporated in India under the Indian Companies Act, having their Registered office at Industrial Estate, Lalbaug, Bombay-12, "Pedstal Grinders", March 21, 1959.

**Class 1.** No. 98814. The National Electrical Industries Limited, a Public Limited Company incorporated in India under the Indian Companies Act, having their Registered office at Industrial Estate, Lalbaug, Bombay-12, "Pump", March 21, 1959.

**Class 1.** No. 98815. The National Electrical Industries Limited, a Public Limited Company incorporated in India under the Indian Companies Act,

having their Registered office at Industrial Estate, Lalbaug, Bombay-12, "Bench Grinder", March 21, 1959.

**Class 3.** No. 100125. Joyland's Educational Toys and Games Manufacturers, of 22-F, Kamla Nagar, Delhi, Indian Partnership firm, "Educational Toy", June 29, 1959.

**Class 4.** No. 100096. Indo-Iran Industries (India), (An Indian Partnership firm), having their Office at 283, Thakurdwar Road, Bombay 2, Bombay State, India, "A Bottle", June 29, 1959.

**Class 5.** No. 99043. Krishna Confectionery Works, 3549, Kalupur Chakla, Sodagar Pole, Ahmedabad, Indian Partnership Firm, "Label", April 11, 1959.

**Class 13.** Nos. 100121 to 100124. Modi Spinning and Weaving Mills Company Limited of Modi Nagar, Distt. Meerut, Uttar Pradesh, Indian Company, "Textile piece-goods", June 29, 1959.

**Class 13.** Nos. 100332 to 100347. M/s Mansukh Dyeing and Printing Mills, Suryoday Mills Compound, Tardeo, Bombay 7, An Indian Partnership Concern, "All Textile goods", July 18, 1959.

**Class 13.** Nos. 100459, 100460, 100462, 100463, 100465 to 100468, 100475 to 100478, 100480, 100481 and 100483. The Navjivan Mills Private Limited, an Indian Company incorporated under the Indian Companies Act, having its registered office at Kalol (North Gujarat), "Textile piece-goods", July 27, 1959.

**Class 13.** Nos. 100502 and 100503. H. A. Shah & Co., Partnership Concern, Indian of Vasant Vijay Mills, "Vasant Vijay", 470/471, Worli Road, Bombay-18 (India), "Textile goods", July 27, 1959.

**Class 13.** Nos. 100504 and 100505. The Nutan Mills Limited, Anil Road, Via. Vora's Roja, Ahmedabad 2, Indian Company, "Cotton Textile Goods", July 27, 1959.

**Class 13.** No. 100506. H. A. Shah & Co., Partnership Concern, Indian of Vasant Vijay Mills, "Vasant Vijay", 470/471, Worli Road, Bombay-18 (India), "Textile goods", July 27, 1959.

**Class 13.** Nos. 100516 to 100523 and 100525 to 100528. The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile Piece-goods", July 29, 1959.

**Class 13.** Nos. 100530 to 100535 and 100537 to 100544. Jiyajee-rao Cotton Mills Ltd., Indian Company, Birlanagar (Gwalior), "Textile goods", July 29, 1959.

**Class 13.** Nos. 100577 to 100591. The Century Spg. & Mfg. Co. Ltd., Industry House, 159, Churchgate Reclamation, Bombay-1, Indian Company, "Textile goods", August 1, 1959.

**Class 13.** No. 100592. The Ahmedabad Advance Mills Ltd., an Indian Company of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", August 1, 1959.

**Class 13.** Nos. 100640 to 100657. Shree Shubhlaxmi Mills Ltd., an Indian Firm, situated at Station Road, Cambay, "Cotton piece-goods", August 4, 1959.

**Class 13.** No. 100700. The Sassoon Spinning & Weaving Co. Ltd., Indian Company, "Mafatlal House", Back-bay Reclamation, Bombay 1, "Textile goods", August 10, 1959.

**Class 13.** Nos. 100744, 100745 and 100747. The Swadeshi Mills Co. Ltd., an Indian Company of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", August 12, 1959.

**Class 13.** Nos. 100824 to 100826. The Ahmedabad Advance Mills Ltd., an Indian Company of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", August 17, 1959.

**Class 13.** No. 100836. The Lakashmi Cotton Manufacturing Company Limited, a company incorporated under the Indian Companies Act, 9, Wallace Street, City of Bombay, State of Bombay, India, "Textile piece-goods", August 17, 1959.

**Class 13.** Nos. 100844 to 100847. The Tata Mills Ltd., an Indian Company, of Bombay House, Bruce St., Fort, Bombay, "Textile goods", August 18, 1959.

Class 13. Nos. 100851 to 100855. The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile Piece-goods", August 18, 1959.

Class 13. Nos. 100877 to 100883. Messrs. The Phoenix Mills Ltd., an Indian Company whose address is, Imperial Bank Building, Bank Street, Fort, Bombay, "Textile goods", August 19, 1959.

Class 14. Nos. 100461, 100464, 100469 to 100471, 100473, 100474, 100479, 100482 and 100484. The Navjivan Mills Private Limited, an Indian Company incorporated under the Indian Companies Act, having its registered office at Kalol (North Gujarat), "Textile piece-goods", July 27, 1959.

Class 14. Nos. 100740, 100741 and 100749. The Svadeshi Mills Co. Ltd., an Indian Company of Bombay House,

Bruce Street, Fort, Bombay, "Textile goods",  
August 12, 1959.

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Design No. 84487, Class 3.

Design No. 79844, Class 5.

**Copyright Extended for a Second and Third Period of Five Years**

Design No. 82808, Class 1.

Design No. 86329, Class 4.

DR. S. VENKATESWARAN  
*Controller of Patents and Designs*